

1. Incident Name Lummi Island Barge Incident		2. Operational Period (Date/Time) From: 3/16/12 To: 3/23/12		RESOURCES AT RISK SUMMARY ICS 232-OS	
3. Environmentally-Sensitive Areas and Wildlife Issues					
Site #	Priority	Site Name and/or Physical Location		Site Issues	
Drayton Harbor to North End of Lummi Island					
		Lummi Bay (Open water)		Objective: Minimize oiling impacts to shoreline and intertidal/shallow subtidal habitats within bay. Associated GRP Strategies: NPS-11 may provide opportunity to collect oil moving south toward Lummi Bay. There are no existing strategies for open water areas of Lummi Bay. Resource concerns: Eelgrass, salt marsh & sensitive intertidal/shallow subtidal habitats. Herring spawning habitat. Shellfish beds. Salmonids. Marine bird concentrations. Harbor seal haulouts. Tribal lands and fish/shellfish resources.	
		Lummi Bay (Lummi Sea Ponds)		Objective: Minimize oiling impacts to impounded waters inside Sea Pond dike Associated GRP Strategies: NPS-12, 14, 15, 16, 17 & 19 Resource concerns: Tribal shellfish rearing and harvest area	
		Lummi Bay (sensitive habitats inland from bay)		Objective: Minimize impacts to sensitive habitats and associated resources in Lummi River and nearby sloughs Associated GRP Strategies: NPS-8, 9 and 10 Resource concerns: Salmonids, sensitive habitats, tribal lands and resources	
Hale Passage and Bellingham Bay					
		Hale Passage to Eliza Island		Objective: <i>Primary objective</i> is to minimize the amount of oil escaping south into Bellingham and Skagit Bays. <i>Secondary objective</i> is to minimize impacts to Sunrise Cove and Inati Bay on east side of Lummi Island. Associated GRP Strategies: <i>Primary objective</i> (Hale Passage collection): NPS-22, 23, 25, 28 & 31 <i>Secondary objective:</i> Sunrise Cove =NPS-29; Inati Bay=NPS-32 Resource concerns: <i>Primary objective:</i> Extensive and highly important fish and wildlife resources of Bellingham & Skagit Bays <i>Secondary objectives:</i> small-scale sensitive habitat areas	
		Portage Bay		Objective: Minimize oiling impacts to interior of Portage Bay Associated GRP Strategies: None Resource concerns: Extensive eelgrass beds. Salt marsh habitat. Spawning area for herring, surf smelt and sandlance. Extensive clam and oyster beds. Marine bird concentration area. Bald Eagle foraging area. Tribal lands and resources.	
Narrative Habitat Concerns: Eelgrass and kelp beds. Salt marsh, intertidal/shallow subtidal mudflats and slough habitats. Forage fish spawning beaches. Offshore rocks and islands. Wildlife Concerns: Nesting/resident marine birds, herons, bald eagles and peregrine falcons. Potentially large concentrations of migratory/wintering waterfowl and shorebirds. Marbled Murrelets present in nearshore waters. Harbor seals haulouts/pupping sites. Possibility of killer whales transiting area.					

Fish & Shellfish Concerns: Juvenile chinook, coho and chum salmon may be present in nearshore waters. Spawning areas for herring, surf smelt and sand lance.. Dungeness crab and hardshell clams in shallow subtidal zones.

Threatened and Endangered Species Concerns: Puget Sound Chinook salmon [FT], Puget Sound Steelhead (FT), Marbled Murrelet [FT], southern resident killer whales [FT], Steller Sea Lion (FT)

Note: Environmental Unit personnel should use real-time conditions and trajectory projections to select and prioritize areas of concern from the above list of sites. The selected areas of concern for the incident will be used to guide discussions with Operations for the purpose of developing a final prioritized list of response objectives. Multiple tactics should be considered in addressing any given response objective, including any opportunistic tactics that could be implemented in support of (or in lieu of) any listed GRP strategies for the area in question.

4. Archaeo-cultural and Socio-economic Issues

Note: Additional socio-economic resources, including other public parks and beaches will be identified via stakeholder input to the Liaison Officer. Relative priority for protecting economic resources will be determined by Unified Command response objectives.

Site #	Priority	Site Name and/or Physical Location	Site Issues
1		Sites of cultural significance to local tribes	These sites need to be identified through consultation with local tribes and the State Archaeologist
2		State, county and municipal parks	Public recreation
3		Washington State Ferry Terminals, Lummi Island ferry terminals.	Public transportation infrastructure

Narrative

Numerous culturally sensitive areas exist along the shorelines of the region. Any land-based spill response work that involves soil or sediment disturbance must be approved by a qualified archaeologist prior to initiation. Land-based spill response equipment, such as vacuum trucks, must stay on hardened surfaces until the area has been evaluated by an archaeologist.

5. Prepared by: (Environmental Unit Leader)

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Date/Time

3/16/12 - 1200

RESOURCES AT RISK SUMMARY

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